

1. Number	Hits	Search Text	DB	Time stamp
1	45	118/719.ccls. and (input with (carrier cassette))	USPAT; US-PGPUB	2003/12/22 15:11
2	12	118/719.ccls. and (input with (carrier))	USPAT; US-PGPUB	2003/12/22 15:10
3	33	((118/719.ccls. and (input with (carrier cassette))) not (118/719.ccls. and (input with (carrier))))	USPAT; US-PGPUB	2003/12/22 15:10
4	1	118/719.ccls. and (input adj (cassette))	USPAT; US-PGPUB	2003/12/22 15:11
5	1827	((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.	USPAT; US-PGPUB	2003/12/22 15:13
6	17	((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.) and (input adj (carrier cassette))	USPAT; US-PGPUB	2003/12/22 15:13
7	129	c23c016s.ipc. and (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3))	EPO; JFO; DERWENT	2003/12/22 15:18
-	1	("6245189").PN.	USPAT; US-PGPUB	2003/12/21 16:26
-	11	("4208159" "4252595" "4318767" "4405435" "4637853" "4889609" "5044871" "5303671" "5573597" "5587205" "5958510").PN.	USPAT	2003/12/19 12:29
-	1	("5766404").PN.	USPAT; US-PGPUB	2003/12/19 13:34
-	220	156/345.31	USPAT; US-PGPUB	2003/12/19 13:34
-	287	((156/345.31) or (156/345.32)).CCLS.	USPAT; US-PGPUB	2003/12/21 15:05
-	1	("4889609").PN.	USPAT; US-PGPUB	2003/12/19 15:12
-	6	4889609.URPN.	USPAT	2003/12/19 15:08
-	442	((414/152) or (414/153) or (414/157) or (414/172)).CCLS.	USPAT; US-PGPUB	2003/12/19 15:19
-	954	((414/152) or (414/153) or (414/157) or (414/172)).CCLS.) ((414/939).CCLS.)	USPAT; US-PGPUB	2003/12/19 15:20
-	513	(414/939).CCLS.	USPAT; US-PGPUB	2003/12/19 15:20
-	392	118/719.ccls. and (vertical\$3 with chamber)	USPAT; US-PGPUB	2003/12/22 15:07
-	43	4886592.URPN.	USPAT	2003/12/19 15:29
-	12	("4498832" "4500407" "4592306" "4643629" "4682927" "4701096" "4721427" "4722298" "4775281" "4886412" "4892451" "4917556").PN.	USPAT	2003/12/19 15:33
-	64	4500407.URPN.	USPAT	2003/12/19 15:34
-	4	5626677.URPN.	USPAT	2003/12/19 16:05
-	4	5626677.URPN.	USPAT	2003/12/19 16:05
-	17	("4318767" "4550242" "4575299" "4584045" "4705444" "4816116" "5079031" "5116640" "5259942" "5286296" "5288684" "5292393" "5302077" "5310410" "5314298" "5387265" "5515986").PN.	USPAT	2003/12/19 16:07
-	73	4318767.URPN.	USPAT	2003/12/19 16:08
-	11	("4149923" "4201579" "4252595" "4318767" "4412771" "4526643" "4563240" "4657620" "4693777" "4699689" "4715921").PN.	USPAT	2003/12/19 16:09
-	33	4816638.URPN.	USPAT	2003/12/19 16:10
-	12	("4816638" "4825808" "4917556" "5067218" "5186718" "5259881" "5433785" "5509771" "5516732" "5520002" "5620578" "5638687").PN.	USPAT	2003/12/19 16:13
-	11	("4149923" "4201579" "4252595" "4318767" "4412771" "4526643" "4563240" "4657620" "4693777" "4699689" "4715921").PN.	USPAT	2003/12/19 16:15
-	51	4208159.URPN.	USPAT	2003/12/19 17:07
-	5	4418639.URPN.	USPAT	2003/12/19 17:09
-	3	("4190015" "4208159" "4315705").PN.	USPAT	2003/12/19 17:10

1827	((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.	USPAT; US-PGPUB	2003/12/19 17:14
9	((118/719) or (414/939) or (156/345.31) or (156/345.32)).CCLS.) and sasaki.in.	USPAT; US-PGPUB	2003/12/19 17:15
0	118/718.ccls and sasaki.in.	USPAT; US-PGPUB	2003/12/19 17:15
2	118/718.ccls and sasaki.in.	USPAT; US-PGPUB	2003/12/19 17:15
8	("4423701" "4483883" "4513684" "4574733" "5000114" "5180434" "5192585" "5266116").PN.	USPAT	2003/12/19 17:16
5	5364481.URPN.	USPAT	2003/12/19 17:16
8	("4423701" "4483883" "4513684" "4574733" "5000114" "5180434" "5192585" "5266116").PN.	USPAT	2003/12/19 17:21
5	5364481.URPN.	USPAT	2003/12/19 17:21
53	4824309.URPN.	USPAT	2003/12/19 17:39
6	("3902615" "4278380" "4405435" "4483651" "4553069" "4619573").PN.	USPAT	2003/12/19 17:42
12	5112277.URPN.	USPAT	2003/12/19 17:45
3	("4278380" "4724874" "4851018").PN.	USPAT	2003/12/19 17:46
5	("5820329" "6000905" "6048154" "6059507" "6152669").PN.	USPAT	2003/12/19 18:01
1	("4981408").PN.	USPAT; US-PGPUB	2003/12/21 14:25
16	4981408.URPN.	USPAT	2003/12/21 14:25
12	("4498832" "4500407" "4592306" "4643629" "4682927" "4701096" "4721427" "4722298" "4775281" "4886412" "4892451" "4917556").PN.	USPAT	2003/12/21 14:41
11	("4208159" "4252595" "4318767" "4405435" "4637853" "4889609" "5044871" "5303671" "5573597" "5587205" "5958510").PN.	USPAT	2003/12/21 14:43
51	4208159.URPN.	USPAT	2003/12/21 15:03
90806	414/\$.ccls. (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3))	US-PGPUB	2003/12/22 15:17
510	414/\$.ccls. and (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3))	USPAT; US-PGPUB	2003/12/21 15:06
323	414/\$.ccls. and (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) and (guide rail track)	EPO; JPO; DERWENT	2003/12/21 15:04
5	c23c016\$.ipc. and (chamber near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) and (guide rail track)	USPAT; US-PGPUB	2003/12/21 18:23
1341	118/719.ccls.	USPAT; US-PGPUB	2003/12/21 15:05
287	((156/345.31) or (156/345.32)).CCLS.	USPAT; US-PGPUB	2003/12/21 15:05
0	("15not16").PN.	USPAT; US-PGPUB	2003/12/21 15:05
1185	118/719.ccls. not (((156/345.31) or (156/345.32)).CCLS.)	USPAT; US-PGPUB	2003/12/21 15:52
640	414/\$.ccls. and ((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) and (guide rail track)	USPAT; US-PGPUB	2003/12/21 15:07
83	118/719.ccls. and ((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) and (guide rail track)	USPAT	2003/12/21 15:15
0	6245189.URPN.	USPAT	2003/12/21 15:25
43	4886592.URPN.	USPAT	2003/12/21 15:29
2	("4733631" "4808291").PN.	USPAT	2003/12/21 15:30
24	4733631.URPN.	USPAT	2003/12/21 15:32
19	("4715921" "4733631" "4830700" "4832778" "4906328" "4915777" "5019233" "5076205" "5169478" "5205919" "5281295" "5281320" "5288379" "5292393" "5302209" "5308431" "5330633" "5364219" "5376223").PN.	USPAT	2003/12/21 15:41
14	5667592.URPN.	USPAT	2003/12/21 15:47
36	5058526.URPN.	USPAT	2003/12/21 15:47

	4	("4542712" "4640223" "4666734" "4770590").PN.	USPAT	2003/12/21 15:48
-	18	414/\$.cccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and ((guide rail track) with (substrate wafer semiconductor device)))	USPAT; US-PGPUB	2003/12/21 16:09
-	64	414/\$.cccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and ((guide rail track) (414/\$.cccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and ((guide rail track)) not (414/\$.cccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and ((guide rail track) with (substrate wafer semiconductor device))))	USPAT; US-PGPUB	2003/12/21 15:59
-	46	414/\$.cccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and ((guide rail track)) not (414/\$.cccls. and (((chamber cover lid) near1 (rais\$3 lower\$3 lift\$3 elevat\$3)) with seal\$3) and ((guide rail track) with (substrate wafer semiconductor device))))	USPAT; US-PGPUB	2003/12/21 15:59
-	22	4355937.URPN.	USPAT	2003/12/21 16:00
-	2	("3954191" "3968885").PN.	USPAT	2003/12/21 16:01
-	60	3968885.URPN.	USPAT	2003/12/21 16:02
-	7	(414/\$.cccls. 118/719.cccls.) and ((chamber cover lid) near1 (mov\$5 with vertical\$3)) (414/\$.cccls. 118/718.cccls.) (vertical\$3 with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) with (chamber lid cover))	USPAT; US-PGPUB	2003/12/21 16:11
-	96126	(414/\$.cccls. 118/718.cccls.) and (vertical\$3 with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) with (chamber lid cover))	USPAT; US-PGPUB	2003/12/21 16:30
-	1237	(414/\$.cccls. 118/718.cccls.) and (vertical\$3 with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) with (chamber lid cover))	USPAT; US-PGPUB	2003/12/21 16:32
-	570	(414/\$.cccls. 118/718.cccls. 204/298.25.cccls.) and (vertical\$3 with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) with (chamber lid cover)) and ((rail guide track) with (transfer\$4 transl\$3 mov\$3))	USPAT; US-PGPUB	2003/12/21 16:34
-	891	(414/\$.cccls. 118/718.cccls. 204/298.25.cccls.) and (vertical\$3 with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) with (chamber lid cover)) and (rail guide track)	USPAT; US-PGPUB	2003/12/21 16:37
-	429	(414/\$.cccls. 118/718.cccls. 204/298.25.cccls.) and (vertical\$3 with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) with (chamber lid cover)) and ((insert\$3 enter\$3 introduce) and (wafer substrate semiconductor)))	USPAT; US-PGPUB	2003/12/21 16:40
-	1	("5766404").PN.	USPAT; US-PGPUB	2003/12/21 16:48
-	69	(414/\$.cccls. 118/718.cccls. 204/298.25.cccls.) and ((vertical\$3 with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) with (chamber lid cover)) same ((insert\$3 enter\$3 introduce) and (wafer substrate semiconductor)))	USPAT; US-PGPUB	2003/12/21 18:04
-	1	("5773088").PN.	USPAT; US-PGPUB	2003/12/21 17:14
-	17	("3114652" "3572286" "3915117" "4301765" "4508049" "4582720" "4592306" "4593644" "4664062" "4666734" "4692233" "4763601" "4946576" "5076205" "5310410" "5472506" "5512320").PN.	USPAT	2003/12/21 17:14
-	2	5773088.URPN.	USPAT	2003/12/21 17:19
-	36	4226208.URPN.	USPAT	2003/12/21 17:53
-	17	4797054.URPN.	USPAT	2003/12/21 17:55
-	8	("3641973" "3656454" "3874525" "3915117" "4226208" "4508055" "4553069" "4632624").PN.	USPAT	2003/12/21 17:56
-	263	(414/217.cccls.) and ((mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) near (chamber lid cover))	USPAT; US-PGPUB	2003/12/21 18:05

-	3243	((414/217.ccls.) and (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) near (chamber lid cover))) npt ((414/\$.ccls. 118/718.ccls. 204/298.25.ccls.) and ((vertical\$3 with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) with (chamber lid cover)) same ((insert\$3 enter\$3 introduce) and (wafer substrate semiconductor))))	USPAT; US-PGPUB	2003/12/21 18:06
-	246	((414/217.ccls.) and (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) near (chamber lid cover))) not ((414/\$.ccls. 118/718.ccls. 204/298.25.ccls.) and ((vertical\$3 with (mov\$5 rais\$3 lower\$3 lift\$3 hoist\$3 elevat\$3) with (chamber lid cover)) same ((insert\$3 enter\$3 introduce) and (wafer substrate semiconductor))))	USPAT; US-PGPUB	2003/12/21 18:06
-	6	4524719.URPN.	USPAT	2003/12/21 18:11
-	6	4524719.URPN.	USPAT	2003/12/21 18:12
-	4	("3293074" "3704987" "3749383" "3951271").PN.	USPAT	2003/12/21 18:12
-	1	118/719.ccls. and "smema"	USPAT; US-PGPUB	2003/12/21 18:23
-	42	"smema"	USPAT; US-PGPUB	2003/12/21 18:28
-	45	rigali-louis-a.in. hoffman-david-e.in. wang-keda.in. smith-william.in.	USPAT; US-PGPUB	2003/12/21 18:29